

**United States Environmental Protection Agency  
Region V  
POLLUTION REPORT**

EPA Region 5 Records Ctr.



279551

**Date:** Wednesday, August 22, 2007

**From:** Partap Lall, OSC

<b>To:</b> jason el-zein, usepa beverly kush, EPA region 5 john maritote, epa region 5 david chung, epa beth henning, epa tracy kecskemeti, mdeq	Partap Lall, william messenger, epa region 5 william adkins, uscgs bill bolen, epa rosaurio delrosario, epa richard clarizio, orc
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**Subject:** Detroit River (US Steel) Oil Response  
Quality 1 Drive, Ecorse, MI

<b>POLREP No.:</b>	5	<b>Site #:</b>	FPN E04514
<b>Reporting Period:</b>		<b>D.O. #:</b>	
<b>Start Date:</b>		<b>Response Authority:</b>	OPA
<b>Mob Date:</b>		<b>Response Type:</b>	Emergency
<b>Completion Date:</b>		<b>NPL Status:</b>	
<b>CERCLIS ID #:</b>		<b>Incident Category:</b>	
<b>RCRIS ID #:</b>		<b>Contract #</b>	RP Cleanup
<b>FPN#</b>	E04514	<b>Reimbursable Account #</b>	

**Site Description**

On May 20, 2004 Coast Guard MSO Detroit reported a sheen citing on Detroit River in the vicinity of U.S. Steel company in Ecorse, Michigan and asked that EPA OSC look into it. Upon further investigation by the EPA OSC the source was determined to be the sediment in U.S. Steel's River Basins 1, 2 and 3 discharging through outfalls (number 16, 15 and 14 respectively) to Detroit River.

**Current Activities**

U.S. Steel has continued to implement preventive measures while going through the process of obtaining all the permits (from Army Corp of Engineers and the State of Michigan) needed to conduct sediment removal. In all 5 permits were required and obtained. This project has been conducted in four phases. Phases 1, 2 and 3 had previously been completed (see Polrep 3 and 4). Work on phase 4 started on May 15, 2007.

**Phase 4, Sediment Removal**

1. Dredging of sediment started on May 16, 2007 in bay 1 (north end of River Basin 3). As of July 27, 2007 dredging of all three river basins has been completed.

2.A total of approximately 15,000 cubic yards of sediment has been dredged, barged and disposed off at ACOE land fill at Pte Moulrier.

3.In each basin sediment was removed to a refusal depth, a depth where clean clay was encountered, or the lowest depth that the sediment could be safely removed while maintaining the structural stability of the basins themselves.

4.Dredging equipment and personnel were demobilized on August 2, 2007 and the disposal equipment and crews were demobilized from Pte moulrier facility on August 10, 2007.

### **Planned Removal Actions**

Post dredging activities include monitoring and cleanup of residual sheens as needed by Inland Waters, under contract with USX.

### **Next Steps**

Continue to oversee PRP response activities and review final report anticipated in 30 days.

### **Key Issues**

None

### **Estimated Costs \***

	<b>Budgeted</b>	<b>Total To Date</b>	<b>Remaining</b>	<b>% Remaining</b>
<b>Extramural Costs</b>				
<b>Intramural Costs</b>				
USEPA - Direct (Region, HQ)	\$25,000.00	\$17,000.00	\$8,000.00	32.00%
<b>Total Site Costs</b>	\$25,000.00	\$17,000.00	\$8,000.00	32.00%

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.